



PTO/SB/08a/b (05-03)

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Substitute for form 1449/PTO				Complete If Known	
				Application Number	10/730,281
				Filing Date	December 9, 2003
				First Named Inventor	KIM, Gon
				Art Unit	1746
				Examiner Name	PATEL, Rita R.
Sheet	1	of	1	Attorney Docket Number	9988.095.00

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/RP/	AA	6,257,027 B1	07/10/2001	Imai	
/RP/	AB	6,477,869 B2	11/12/2002	Heyder et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	BA					

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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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Examiner Signature	/Rita Patel/	Date Considered	08/09/2007
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/RP/ AA		5,266,855	11-30-1993	Smith et al.	
/RP/ AB		5,809,809	09-22-1998	Neumann	
/RP/ AC		3,886,256	05-27-1975	Ohuchi et al.	

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/RP/ BA		DE 19859568	06-29-2000		
/RP/ BB		GB 2332212 A	06-16-1999		
/RP/ BC		EP 1079014 A1	02-28-2001		
/RP/ BD		WO 02/084842 A1	10-24-2002		
/RP/ BE		JP 58207834	12-03-1983		
/RP/ BF		GB 2030896 A	04-16-1980		
/RP/ BG		EP 0219115 A2	04-22-1987		
/RP/ BH		GB 2333300 A	07-21-1999		
/RP/ BI		DE 4335966	04-27-1995		
/RP/ BJ		EP 1116812 A1	07-18-2001		

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/RP/	BA	EP 1094145 A2	04-25-2001		
/RP/	BB	EP 0361775 A2	04-04-1990		
/RP/	BC	EP 1094144 A2	04-25-2001		
/RP/	BD	EP 0620308 A2	10-19-1994		

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